

# Comparisons of Job Characteristics

**Focus Occupation:** First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

**Associated Occupation:** Construction Managers (11-9021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 65

**Focus Occupation:** First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

**Associated Occupation:** Construction Managers (11-9021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	22.2	9.3	<<	Extensive education and/or training may be required
Administration and Management	8.4	16.5	16.2	0	Current knowledge level may be sufficient
Customer and Personal Service	11.3	15.4	15.9	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	15.3	12.2	<	Expanded education and/or training may be required
Design	5.2	14.4	9.1	<<	Extensive education and/or training may be required
Mathematics	9.2	12.6	13.4	0	Current knowledge level may be sufficient
Public Safety and Security	6.9	12.2	8.9	<<	Extensive education and/or training may be required
Mechanical	6.8	11.9	19.8	>>	Current knowledge level is likely more than sufficient
Personnel and Human Resources	5.6	11.0	13.5	>	Current knowledge level is likely sufficient
Law and Government	5.9	10.1	9.0	<	Expanded education and/or training may be required
Economics and Accounting	4.4	9.1	10.2	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 62

**Focus Occupation:** First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

**Associated Occupation:** Construction Managers (11-9021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Management of Personnel Resources	6.9	13.0	13.6	0	Current skill level may be sufficient
Time Management	8.9	12.9	13.0	0	Current skill level may be sufficient
Coordination	9.1	12.8	12.5	0	Current skill level may be sufficient
Monitoring	9.9	12.8	13.5	0	Current skill level may be sufficient
Negotiation	6.8	12.3	11.0	<	A higher skill level may be required
Management of Financial Resources	3.3	12.2	9.8	<	A higher skill level may be required
Persuasion	7.4	11.7	9.7	<	A higher skill level may be required
Operations Analysis	5.0	11.1	7.1	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	10.4	9.7	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Construction Managers (11-9021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	14.2	12.9	<	Some improvement in abilities may be required
Far Vision	7.8	12.0	9.2	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	11.8	11.6	0	Current ability level may be sufficient
Visualization	7.5	11.5	10.4	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	11.0	9.4	<	Some improvement in abilities may be required
Number Facility	6.3	11.0	8.8	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	10.3	10.3	0	Current ability level may be sufficient
Time Sharing	6.6	8.3	7.3	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 57
Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Construction Managers (11-9021)		

Work Activities	Exclusivity of Activity
Assign work to staff or employees	30
Consult with managerial or supervisory personnel	60
Direct and coordinate activities of workers or staff	3
Estimate materials or labor requirements	61

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 88

**Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**  
**Associated Occupation: Construction Managers (11-9021)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.